## INTERNATIONAL SEARCH REPORT

International application No. PCT/CN2005/000258

		1	
A. CLASS	IFICATION OF SUBJECT MATTER		
	IPC <sup>7</sup> C	606F9/45	
According to	o International Patent Classification (IPC) or to both n	ational classification and IPC	
B. FIELE	OS SEARCHED		
Minimum d	ocumentation searched (classification system followed	by classification symbols)	
	IPC'C	G06F9/45	
Documentat	ion searched other than minimum documentation to th	e extent that such documents are included	in the fields searched
	CNPA	AT: IPC'	
Electronic d	ata base consulted during the international search (nan	ne of data base and, where practicable, sea	rch terms used)
	((PERFORMANCE W DATA) OR (PERFOR	MANCE W INFORMATION)) AND CO	MPIL+
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Ą	US,A,5848275 (Silicon Graphics, Inc.) 08.Dec 1998	(08.12.1998) the whole document	1-20
Α	US,A1,2003046667(INT BUSINESS MACHINES CORP)06.Mar 2003 (06.03.2003)the whole		1-20
<b>A</b>	document A JP,A,3196340 (HITACHI LTD)27.Aug 1991 (27.08.2003) the whole document		
	)		
			1
			·
Furthe	er documents are listed in the continuation of Box C.	See patent family annex.	
			e international filing date
* Spec	cial categories of cited documents:	"T" later document published after the or priority date and not in conflict	with the application but
* Spec		"T" later document published after the	with the application but
* Spec "A" docur consid "E" earlier	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the	"T" later document published after the or priority date and not in conflict cited to understand the principle invention "X" document of particular relevance	with the application but or theory underlying the e; the claimed invention
* Spec "A" docur consid "E" earlier intern	cial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the national filing date	"T" later document published after the or priority date and not in conflict cited to understand the principle invention	with the application but or theory underlying the e; the claimed invention t be considered to involve
* Spec "A" docur consid "E" earlier intern "L" docum	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance document of particular relevance."	with the application but or theory underlying the e; the claimed invention the considered to involve tent is taken alone e; the claimed invention
* Spec "A" docur consid "E" earlier intern "L" docum which	cial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the national filing date nent which may throw doubts on priority claim (S) or	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of	with the application but or theory underlying the e; the claimed invention the considered to involve nent is taken alone e; the claimed invention in inventive step when the or more other such
* Spec  "A" docur consid  "E" earlier intern  "L" docum which citatic  "O" docur	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the lational filing date  ment which may throw doubts on priority claim (S) or is cited to establish the publication date of another	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a	with the application but or theory underlying the e; the claimed invention the considered to involve nent is taken alone e; the claimed invention in inventive step when the or more other such
* Spec "A" docur consid "E" earlier intern "L" docum which citatic "O" docur other "P" docur	cial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the lational filing date ment which may throw doubts on priority claim (S) or a is cited to establish the publication date of another on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or means ment published prior to the international filing date	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination bei	with the application but or theory underlying the e; the claimed invention the considered to involve the claimed invention inventive step when the or more other such ing obvious to a person
* Spec "A" docur consid "E" earlier intern "L" docur which citatic "O" docur other "P" docur but la	cial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the lational filing date ment which may throw doubts on priority claim (S) or a is cited to establish the publication date of another on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or means ment published prior to the international filing date ter than the priority date claimed	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination being skilled in the art	with the application but or theory underlying the e; the claimed invention the considered to involve the claimed invention inventive step when the or more other such and obvious to a person the family
* Spec "A" docur consid "E" earlier intern "L" docur which citatic "O" docur other "P" docur but la	cial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the lational filing date ment which may throw doubts on priority claim (S) or a is cited to establish the publication date of another on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or means ment published prior to the international filing date	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination bei skilled in the art	with the application but or theory underlying the e; the claimed invention the considered to involve the claimed invention inventive step when the or more other such and obvious to a person ent family
* Spec "A" docur consid "E" earlier intern "L" docum which citatio "O" docur other "P" docur but la  Date of the	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the national filing date  ment which may throw doubts on priority claim (S) or it is cited to establish the publication date of another on or other special reason (as specified)  ment referring to an oral disclosure, use, exhibition or means  ment published prior to the international filing date there than the priority date claimed  actual completion of the international search  01.Nov 2005 (01.11.2005)  mailing address of the ISA/CN	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination being skilled in the art  "&"document member of the same pater."	with the application but or theory underlying the e; the claimed invention the considered to involve the claimed invention inventive step when the or more other such and obvious to a person the family
* Spece "A" docur consid "E" earlier intern "L" docum which citatic "O" docur other "P" docur but la  Date of the se	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the national filing date  ment which may throw doubts on priority claim (S) or it is cited to establish the publication date of another on or other special reason (as specified)  ment referring to an oral disclosure, use, exhibition or means  ment published prior to the international filing date ther than the priority date claimed  actual completion of the international search  01.Nov 2005 (01.11.2005)	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination being skilled in the art  "&"document member of the same pater.  Date of mailing of the international sear.	with the application but or theory underlying the e; the claimed invention to be considered to involve nent is taken alone e; the claimed invention in inventive step when the or more other such ing obvious to a person ent family
* Spece "A" docur consider "E" earlier interm "L" docum which citatic "O" docur other "P" docur but la Date of the state Inte 5 Xitucheng I 100088	cial categories of cited documents:  ment defining the general state of the art which is not dered to be of particular relevance  r application or patent but published on or after the national filing date  ment which may throw doubts on priority claim (S) or is cited to establish the publication date of another on or other special reason (as specified)  ment referring to an oral disclosure, use, exhibition or means  ment published prior to the international filing date ter than the priority date claimed actual completion of the international search  01.Nov 2005 (01.11.2005)  alling address of the ISA/CN ellectual Property Office, the P.R.China	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or cannot an inventive step when the document of particular relevance cannot be considered to involve a document is combined with one of documents, such combination being skilled in the art  "&"document member of the same pater.  Date of mailing of the international sear of the same pater.  Authorized officer A604	with the application but or theory underlying the e; the claimed invention to be considered to involve nent is taken alone e; the claimed invention in inventive step when the or more other such ing obvious to a person ent family

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CN2005/000258

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US,A,5848275	08. Dec 1998 (08.12.1998)	WO, A1,9804972 AU,A,2750897	05.Feb 1998(05.02.1998) 20.Feb 1998(20.02.1998)
US,A1,2003046667	06.Mar 2003 (06.03.2003)	none	•
JP,A,3196340	27.Aug 1991 (27.08.2003)	none	

Form PCT/ISA/210 (patent family annex) (April 2005)